

PRODCUTION OF ALPHA-OLEFIN OLIGOMER

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Abstract of JP7118174

PURPOSE:To provide a new process for the production of an alpha-olefin oligomer capable of producing an arbitrary alpha-olefin oligomer having a carbon number of ≥ 7 from ethylene in high yield.
CONSTITUTION:An alpha-olefin oligomer is produced by using a chromium-based catalyst. Ethylene and an alpha-olefin having a carbon number of (n) ((n) is integer of ≥ 3) are oligomerized in the presence of a chromium-based catalyst consisting of a combination of at least a chromium compound, an amine or a metal amide and an alkylaluminum compound to obtain an alpha-olefin oligomer having a carbon number of $n+4$.

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